



MOUNTAIN TOP UNIVERSITY
CENTRAL RESEARCH LABORATORY
 KM 12, LAGOS IBADAN EXPRESSWAY, OGUN STATE, NIGERIA

SAMPLE ANALYSIS REQUEST FORM

Researcher/ PI: _____ **Date:** _____

Department; _____

Address; _____

Email _____

Phone Number _____

Sample Description: _____

Check if you want your samples saved for pick-up, hence samples will be discarded 30 days after analysis.

Enter the number of samples for each sample then check the desired analysis.

HPLC ANALYSIS SAMPLE	AAS	MICROBIOLOGICAL ANALYSIS SAMPLE	OILS AND FAT SAMPLE
-----Water soluble vitamins (Riboflavin, B2, Thiamine hydrochloride, B1, Pyridoxine, B6, Ascorbic acid, Vit C and Nicotinamide, B3, B15 Panthonic acid), -----Thiamine hydrochloride, B1, Pyridoxine, B6, Ascorbic acid, Vit C and Nicotinamide, B3, B15 Panthonic acid) -----Preservatives and Sweeteners (Benzoic acid, Potassium and Sodiurn sorbate, -----Aspartame, -----Acesulfame K) -----Caffeine -----Amino Acid Analysis	FLAME: Heavy metals: -----K, -----Na, -----Ca, -----Fe, -----Zn, -----Pb, -----Cd, -----Cr, -----Hg FURNACE: -----K, -----Na, -----Ca, -----Fe, -----Zn, -----Pb, -----Cd, -----Cr, -----Hg -----Identify any other lamp	Microbial count (Fungi) -----solation of microorganisms (Bacteria) ----- Photomicrography per shot -----Plate count (Bacteria) -----Gram staining/reaction -----DNA/Plasmid Extraction -----DNA Amplification (PCR) -----Agarose Gel -----Electrophoresis -----Serological Analysis using Elizer (per Kit) -----Coliform count -----Catalase	-----Oil Extraction -----Oil and grease -----Iodine Value -----Peroxide Value -----Acid Value -----Free Fatty Acid -----Saponification Value

		<p>-----Oxidase</p> <p>-----Starch</p> <p>-----Gelatin</p> <p>-----Coagulase</p> <p>-----H₂S</p> <p>-----Susceptibility</p> <p>-----Urease</p> <p>-----Methyl</p> <p>-----Motility</p> <p>-----Indole</p> <p>-----Glucose</p> <p>-----Citrate</p>	
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PLANT, FOODS AND FEEDS SAMPLE	SEA FOOD/ALCOHOLIC ANALYSIS	SOIL SAMPLE ANALYSIS
<p>-----Nitrogen</p> <p>-----Ash</p> <p>-----Moisture</p> <p>-----Elemental analysis using Wet Digestion</p> <p>----- (K)</p> <p>----- (Na)</p> <p>----- (Ca)</p> <p>----- (Fe)</p> <p>----- (Cu)</p> <p>----- (Mn)</p> <p>----- (Mg)</p> <p>----- (Zn)</p> <p>-----Energy</p> <p>-----Crude Fiber</p> <p>-----ADF</p> <p>-----NDF</p> <p>-----Lignin</p> <p>-----Hemicellulose</p> <p>After ADF & NDF Crude Fat</p> <p>-----Total Fat</p> <p>-----</p> <p>-----Ni</p> <p>-----Cr</p> <p>-----Co</p> <p>-----Cd</p> <p>-----Elemental analysis (Ash method)</p> <p>-----Phosphorus (raw sample)</p>	<p>-----Alcohol content in juices, Wines, Spirits</p>	<p>-----pH</p> <p>-----Exchangeable bases (Ca, Na, K and Mg)</p> <p>-----Total Organic Carbon</p> <p>-----Total Nitrogen</p> <p>-----Available Phosphorus</p> <p>-----Micro Nutrients (Cu, Zn, Fe, Mn)</p> <p>-----Micro Nutrients (Pb)</p> <p>-----Micro Nutrients (Cd)</p> <p>-----Micro Nutrients (Co)</p> <p>-----Micro Nutrients (Ni)</p> <p>-----Micro Nutrients (Cr)</p> <p>-----Total Acidity</p> <p>-----Sample preparation</p>

-----Phosphorous (digest)		
-----Sample preparation		

SUGAR DETERMINATION USING SPEC	WATER AND WASTE WATER ANALYSIS	BIOCHEMICAL ANALYSIS
-----Total Sugar (Titrimetry)	-----Chloride -----Electrical Conductivity -----Total Alkalinity -----Phosphate (water that needs to be digested) -----Ammonium Nitrogen -----pH -----Sulphate -----K -----Na -----Ca -----Fe -----Cu -----Mg -----Zn -----Pb -----Ar -----Cd -----Cr -----Total Dissolve solids -----Total hardness -----Total Suspended Solids -----Oil and grease -----Total organic carbon	-----Hormonal assays -----Spectrophometric analysis -----Cytological studies ----- Enzyme assays -----Antioxidant assays ----- Function tests

OTHER ANALYSIS (PLEASE SPECIFY):

RECEIPT NUMBER: _____

BUSARY

Received By: _____ Date: _____

CENTRAL RESEARCH LABORATORY USE ONLY

Received By: _____

(FULL NAME)

Date: _____